Amendments to the Claims

1.(Original) An aminofunctional silicone resin comprising the units:

$(R_3SiO_{1/2})_a$ (i)

$(R_2SiO_{2/2})_b$ (ii)

$(RSiO_{3/2})_c$ (iii) and

$(SiO_{4/2})_d$ (iv)

wherein R is independently an alkyl group, an aryl group, or an aminofunctional hydrocarbon group, a has a value of less than 0.4, b has a value of greater than 0.15, c has a value of greater than zero to 0.7, d has a value of less than 0.2, the value of a + b + c + d = 1, with the provisos that 3 to 50 mole percent of silicon atoms contain aminofunctional hydrocarbon groups in units (i), (ii) or (iii), the –NH- equivalent weight of the aminofunctional silicone resin is from 100 to 1500, the aminofunctional silicone resin is in the form of a neat liquid, solution, or meltable solid, greater than 20 weight percent of unit (ii) is present in the aminofunctional silicone resin, less than 10 weight percent of unit (ii) are $Me_2SiO_{2/2}$ units in the aminofunctional silicone resin, and greater than 50 weight percent of silicon-bonded R groups are silicon-bonded aryl groups.

2. (Original) An aminofunctional silicone resin comprising the units:

$(R_3SiO_{1/2})_a$ (i)

$(R_2SiO_{2/2})_b$ (ii)

$(RSiO_{3/2})_c$ (iii) and

$(SiO_{4/2})_d$ (iv)

wherein R is independently an alkyl group, an aryl group, or an aminofunctional hydrocarbon group, a has a value of less than 0.4, b has a value of greater than 0.15, c has a value of greater than zero to 0.7, d has a value of less than 0.2, the value of a + b + c + d = 1, with the provisos that 3 to 50 mole percent of silicon atoms contain aminofunctional hydrocarbon groups in units (i), (ii) or (iii), the –NH- equivalent weight of the aminofunctional silicone resin is from 100 to 1000, the aminofunctional silicone resin is in the form of a neat liquid, solution, or meltable solid, greater than 20 weight percent of unit (ii) is present in the aminofunctional silicone resin,

less than 10 weight percent of unit (ii) are $Me_2SiO_{2/2}$ units in the aminofunctional silicone resin, and greater than 50 weight percent of silicon-bonded R groups are silicon-bonded aryl groups.

3. (Currently amended) An aminofunctional silicone resin according to Claim 1 ~~or 2~~ wherein R is independently selected from methyl, phenyl, or an aminofunctional hydrocarbon group having the formula R^1NHR^2 or $-R^1NHR^1NHR^2$ wherein each R^1 is independently a divalent hydrocarbon radical having at least 2 carbon atoms and R^2 is hydrogen or an alkyl group.

4. (Currently amended) An aminofunctional silicone resin according to ~~any of~~ Claims 1—~~3~~ wherein the aminofunctional hydrocarbon groups are selected from $-CH_2CH_2NH_2$, $-CH_2CH_2CH_2NH_2$, $-CH_2CHCH_3NH$, $-CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2NHCH_3$, $-CH_2CH_2CH_2NHCH_3$, $-CH_2(CH_3)CHCH_2NHCH_3$, $-CH_2CH_2CH_2CH_2NHCH_3$, $-CH_2CH_2NHCH_2CH_2NH_2$, $-CH_2CH_2CH_2NHCH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2CH_2NHCH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2NHCH_2CH_2NHCH_3$, $-CH_2CH_2CH_2NHCH_2CH_2CH_2NHCH_3$, $-CH_2CH_2CH_2CH_2NHCH_2CH_2CH_2CH_2NHCH_3$, and $-CH_2CH_2NHCH_2CH_2NHCH_2CH_2CH_2CH_3$.-

5. (Currently amended) An aminofunctional resin according to Claim 1 ~~or 2~~ wherein the aminofunctional silicone resin is selected from
aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $(C_6H_5(CH_3)SiO_{2/2})_b$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(RSiO_{3/2})_c$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(C_6H_5SiO_{3/2})_c$

or

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$

(v) $(SiO_{4/2})_d$

wherein a, b, c, and d are as defined above.

6. (Currently amended) An aminofunctional resin according to Claim 1 ~~or 2~~ wherein the aminofunctional silicone resin is selected from

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $(C_6H_5(CH_3)SiO_{2/2})_b$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(RSiO_{3/2})_c$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(C_6H_5SiO_{3/2})_c$

aminofunctional silicone resin comprising the units

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(CH_3)_2SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$

aminofunctional silicone resin comprising the units:

(i) $((CH_3)_2RSiO_{1/2})_a$ where R = $-CH_2(CH_3)CHCH_2NHCH_3$

(ii) $(CH_3)_2SiO_{2/2})_b$

(iii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iv) $(C_6H_5SiO_{3/2})_c$

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_2RSiO_{1/2})_a$ where R = $-CH_2(CH_3)CHCH_2NHCH_3$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2(CH_3)CHCH_2NHCH_3$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_2RSiO_{1/2})_a$ where R = $-CH_2(CH_3)CHCH_2NHCH_3$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $(SiO_{4/2})_d$, or

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$

(v) $(SiO_{4/2})_d$

wherein a, b, c, and d are as defined above.

7. (Currently amended) An emulsion composition comprising:

(A) an aminofunctional silicone resin ~~of any of claims 1-6~~ comprising the units:

$(R_3SiO_{1/2})_a$ (i)

$(R_2SiO_{2/2})_b$ (ii)

$(RSiO_{3/2})_c$ (iii) and

$(SiO_{4/2})_d$ (iv)

wherein R is independently an alkyl group, an aryl group, or an aminofunctional hydrocarbon group, a has a value of less than 0.4, b has a value of greater than 0.15, c has a value of greater

than zero to 0.7, d has a value of less than 0.2, the value of a + b + c + d = 1, with the provisos that 3 to 50 mole percent of silicon atoms contain aminofunctional hydrocarbon groups in units (i), (ii) or (iii), the –NH- equivalent weight of the aminofunctional silicone resin is from 100 to 1500, the aminofunctional silicone resin is in the form of a neat liquid, solution, or meltable solid, greater than 20 weight percent of unit (ii) is present in the aminofunctional silicone resin, less than 10 weight percent of unit (ii) are $Me_2SiO_{2/2}$ units in the aminofunctional silicone resin, and greater than 50 weight percent of silicon-bonded R groups are silicon-bonded aryl groups;

(B) at least one surfactant; and

(C) water.

8. (Original) An emulsion composition according to Claim 7 wherein a has a value of 0.1 to 0.3, b has a value of 0.2 to 0.4, c has a value of 0.2 to 0.5, d has a value of 0, 10 to 30 mole percent of silicon atoms contain aminofunctional hydrocarbon groups in units (i), (ii) or (iii), the –NH- equivalent weight of the aminofunctional silicone resin is from 150 to 350, 20 to 50 weight percent of unit (ii) is present in the aminofunctional silicone resin, 0 to 5 weight percent of unit (ii) are $Me_2SiO_{2/2}$ units in the aminofunctional silicone resin, and from 50 to 75 weight percent of silicon-bonded R groups are silicon-bonded aryl groups.

9. (Currently amended) An emulsion composition according to Claim 7 ~~or 8~~ wherein the surfactant is selected from anionic surfactants, cationic surfactants, nonionic surfactants, amphoteric surfactants, or a combination thereof.

10. (Currently amended) An emulsion composition according to ~~any of~~ Claims 7 ~~9~~, wherein the emulsion composition further comprises at least one ingredient selected from fragrances, preservatives, vitamins, ceramides, amino-acid derivatives, liposomes, polyols, botanicals, conditioning agents, glycols, vitamin A, vitamin C, vitamin E, Pro-Vitamin B5, sunscreen agents, humectants, preservatives, emollients, occlusive agents, esters, pigments, or self-tanning agents.

11. (Currently amended) An emulsion composition according to ~~any of~~ Claim 7~~s 8-10~~, wherein the emulsion is in the form of spray-dried composite particles.

12. (New) An aminofunctional silicone resin according to Claim 2 wherein R is independently selected from methyl, phenyl, or an aminofunctional hydrocarbon group having the formula R^1NHR^2 or $-R^1NHR^1NHR^2$ wherein each R^1 is independently a divalent hydrocarbon radical having at least 2 carbon atoms and R^2 is hydrogen or an alkyl group.

13. (New) An aminofunctional silicone resin according to Claim 2 wherein the aminofunctional hydrocarbon groups are selected from $-CH_2CH_2NH_2$, $-CH_2CH_2CH_2NH_2$, $-CH_2CHCH_3NH$, $-CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2NHCH_3$, $-CH_2CH_2CH_2NHCH_3$, $-CH_2(CH_3)CHCH_2NHCH_3$, $-CH_2CH_2CH_2CH_2NHCH_3$, $-CH_2CH_2NHCH_2CH_2NH_2$, $-CH_2CH_2CH_2NHCH_2CH_2CH_2NH_2$, $-CH_2CH_2CH_2CH_2NHCH_2CH_2CH_2CH_2NH_2$, $-CH_2CH_2NHCH_2CH_2NHCH_3$, $-CH_2CH_2CH_2NHCH_2CH_2CH_2NHCH_3$, $-CH_2CH_2CH_2CH_2NHCH_2CH_2CH_2CH_2NHCH_3$, and $-CH_2CH_2NHCH_2CH_2NHCH_2CH_2CH_2CH_3$.-

14. (New) An aminofunctional resin according to Claim 2 wherein the aminofunctional silicone resin is selected from

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $(C_6H_5(CH_3)SiO_{2/2})_b$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(RSiO_{3/2})_c$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(C_6H_5SiO_{3/2})_c$

or

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$

(v) $(SiO_{4/2})_d$

wherein a, b, c, and d are as defined above.

15. (New) An aminofunctional resin according to Claim 2 wherein the aminofunctional silicone resin is selected from

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $(C_6H_5(CH_3)SiO_{2/2})_b$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(RSiO_{3/2})_c$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iii) $(C_6H_5SiO_{3/2})_c$

aminofunctional silicone resin comprising the units

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(CH_3)_2SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$

aminofunctional silicone resin comprising the units:

(i) $((CH_3)_2RSiO_{1/2})_a$ where R = $-CH_2(CH_3)CHCH_2NHCH_3$

(ii) $(CH_3)_2SiO_{2/2})_b$

(iii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iv) $(C_6H_5SiO_{3/2})_c$

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_2RSiO_{1/2})_a$ where R = $-CH_2(CH_3)CHCH_2NHCH_3$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2(CH_3)CHCH_2NHCH_3$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $(C_6H_5SiO_{3/2})_c$,

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_2RSiO_{1/2})_a$ where R = $-CH_2(CH_3)CHCH_2NHCH_3$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $(SiO_{4/2})_d$, or

aminofunctional silicone resins comprising the units:

(i) $((CH_3)_3SiO_{1/2})_a$

(ii) $(C_6H_5(CH_3)SiO_{2/2})_b$

(iii) $((CH_3)RSiO_{2/2})_b$ where R = $-CH_2CH_2CH_2NH_2$

(iv) $(C_6H_5SiO_{3/2})_c$

(v) $(SiO_{4/2})_d$

wherein a, b, c, and d are as defined above.

16. (New) An emulsion composition comprising:

(A) an aminofunctional silicone resin comprising the units:

$(R_3SiO_{1/2})_a$ (i)

$(R_2SiO_{2/2})_b$ (ii)

$(RSiO_{3/2})_c$ (iii) and

$(SiO_{4/2})_d$ (iv)

wherein R is independently an alkyl group, an aryl group, or an aminofunctional hydrocarbon group, a has a value of less than 0.4, b has a value of greater than 0.15, c has a value of greater than zero to 0.7, d has a value of less than 0.2, the value of a + b + c + d = 1, with the provisos

that 3 to 50 mole percent of silicon atoms contain aminofunctional hydrocarbon groups in units (i), (ii) or (iii), the –NH- equivalent weight of the aminofunctional silicone resin is from 100 to 1000, the aminofunctional silicone resin is in the form of a neat liquid, solution, or meltable solid, greater than 20 weight percent of unit (ii) is present in the aminofunctional silicone resin, less than 10 weight percent of unit (ii) are $Me_2SiO_{2/2}$ units in the aminofunctional silicone resin, and greater than 50 weight percent of silicon-bonded R groups are silicon-bonded aryl groups;

(B) at least one surfactant; and

(C) water.

17. (New) An emulsion composition according to Claim 16 wherein a has a value of 0.1 to 0.3, b has a value of 0.2 to 0.4, c has a value of 0.2 to 0.5, d has a value of 0, 10 to 30 mole percent of silicon atoms contain aminofunctional hydrocarbon groups in units (i), (ii) or (iii), the –NH- equivalent weight of the aminofunctional silicone resin is from 150 to 350, 20 to 50 weight percent of unit (ii) is present in the aminofunctional silicone resin, 0 to 5 weight percent of unit (ii) are $Me_2SiO_{2/2}$ units in the aminofunctional silicone resin, and from 50 to 75 weight percent of silicon-bonded R groups are silicon-bonded aryl groups.

18. (New) An emulsion composition according to Claim 16 wherein the surfactant is selected from anionic surfactants, cationic surfactants, nonionic surfactants, amphoteric surfactants, or a combination thereof.

19. (New) An emulsion composition according to any of Claims 16, wherein the emulsion composition further comprises at least one ingredient selected from fragrances, preservatives, vitamins, ceramides, amino-acid derivatives, liposomes, polyols, botanicals, conditioning agents, glycols, vitamin A, vitamin C, vitamin E, Pro-Vitamin B5, sunscreen agents, humectants, preservatives, emollients, occlusive agents, esters, pigments, or self-tanning agents.

20. (New) An emulsion composition according to any of Claims 16, wherein the emulsion is in the form of spray-dried composite particles.